

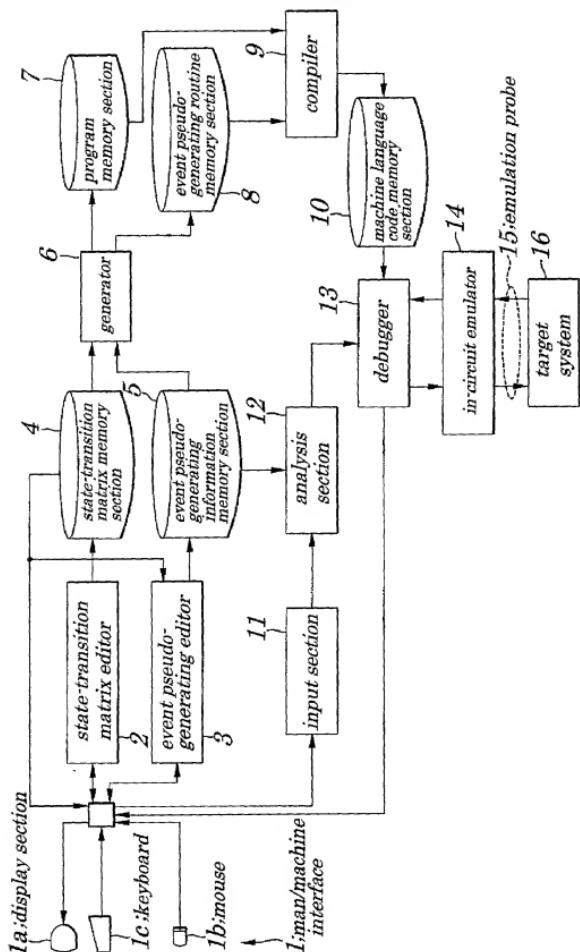
**FIG. 1**

FIG.2

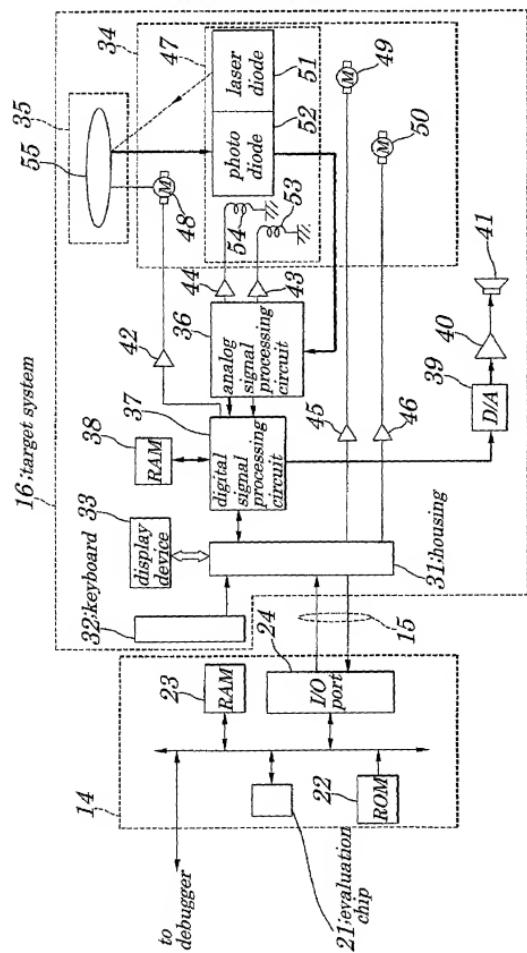


FIG.3

		stopping	tray opening	TOC reading	time code displaying	moving to first music	moving to second music	reproducing
	E/S	1	2	3	4	5	6	7
tray key input	T motor: clockwise ON ⇒	T motor: counterclockwise ON ⇒						
ST-OFF→ON 2	T motor: OFF ⇒ tray opening							
ST-OFF→ON 3	/	T motor:OFF F motor:ON ⇒ TOC reading	/	/	/	/	/	/
TOC input	OK 4	/	/	/	/	/	/	/
	NG 5	/	/	/	/	/	/	/
search key input	/	/	/	/	F motor:ON ⇒ time code displaying	/	/	/
play key input	/	/	X	X	F motor:OFF ⇒ stopping	/	/	/
stop key input	/	/	/	/	F motor:ON ⇒ search process key first music ⇒ moving to second music	X	X	X
					F motor:ON ⇒ reproducing	/	/	/
					F motor:OFF ⇒ reproducing	/	/	/
					F motor:OFF ⇒ stopping	/	/	/
					F motor:OFF ⇒ stopping	/	/	/

**FIG.4**

```
rcv_msg(ReceiveEvent, KEY_MSG);
if(ReceiveEvent == PLAY_KEY)
{
    reproducing process
}
else if(ReceiveEvent == STOP_KEY)
{
    stopping process
}
```

**FIG.5**

```
if(FakeEvent == EVENT_KEY_PLAY)
{
    SendEvent = PLAY_KEY;
    snd_msg(KEY_MSG, SendEvent);
}
else if(FakeEvent == EVENT_KEY_STOP)
{
    SendEvent = STOP_KEY;
    snd_msg(KEY_MSG, SendEvent);
}
```

FIG. 6

	stopping	tray opening	TOC reading	time code displaying	moving to moving to second music	reproducing first music	7
E	I	2	3	4	X	X	X
tray key input	T motor: 1 clockwise ON	T motor: counter-clockwise ON.	X	X	X	X	X
SI:OFF→ON 2	T motor: OFF⇒tray opening	/	X	X	X	X	X
SI:OFF→ON 3	/	T motor:OFF TOC reading ⇒ TOC reading	/	/	/	/	/
TOC input	OK 4	/	/	time code display ⇒ time code displaying	/	/	/
	NG 5	/	/	F motor:OFF ⇒ stopping	/	/	/
search key input	6	/	/	/	F motor:ON seg. on class seg. on class ⇒ moving to second music	X	X
play key input	7	/	X	X	X	X	/
stop key input	8	/	/	/	X	X	F motor:OFF stopping process ⇒ stopping

emulation  
start [ ] finish [ ]

FIG. 7

